

throughout the landing rollout at JFK. Severed #3 T/R control cables were replaced in New York.

#### 7) Leading edge flaps

The FDR recorded an "in-transit" condition for the #3 left leading edge flap drive during the entire time that the flaps were retracted for both flight 800 and the previous flight. After flap extension, "not-in-transit" is recorded. For all other leading edge drives, "not-in-transit" is recorded after retraction and extension.

For all of the leading edge extend discretes, the extended condition is recorded simultaneously with the first recording of "in-transit". This also suggests, like the T/R discretes, that the extended discretes are actually "not-retracted" discretes.

The maintenance log contains the entry: "July 15<sup>th</sup>, 3L LE flap Amber Lt. Stays on with LE Flaps Up and Retracted electrically. FWD panel lights ops check O.K. Because the in-transit condition occurred with alternate flap operation, the "in-transit" flight deck indication and FDR recording are believed to be false signals, probably due to an out-of-rig condition of the sensor.

The left #3 leading edge drive powers the two flap segments outboard of the inboard engine.

#### 7) Aircraft Performance

The aircraft performance appears normal throughout flight 800. Quantitative comparisons between estimated and FDR recorded performance were made for segments of flight 800 that were least unsteady. However, varying differences in the rates-of-climb are calculated and are believed to be due to unsteadiness of the flight profile:

Time segment min:sec	Rate-of-Climb (feet/minute)	
	FDR	Estimated
10:12 to 10:32	750	840
15:52 to 16:02	1500	2200
20:40 to End	1650	1900

#### Takeoff:

- Derated EPRs of approximately 1.34 were achieved
- Stabilizer position of 6 units was set and resulted in the aircraft nearly trimmed at the all engine climb speed
- Liftoff occurs at approximately 10 degrees of pitch attitude
- Normal initial climb pitch attitude of 17 degrees was achieved

(b)(6)

*[Handwritten signature]*